



## Yasuda-Shedlovsky Result

Sample name: **CS000202**  
Assay name: **Fast UV psKa**  
Assay ID: **11I-15010**  
Filename: **E:\T3 DATA\1109\11I-15010\_CS000202\_Fast UV psKa.t3r**

Experiment start time: **15/09/2011 11:28:06**  
Analyst:  
Instrument ID: **T311042**

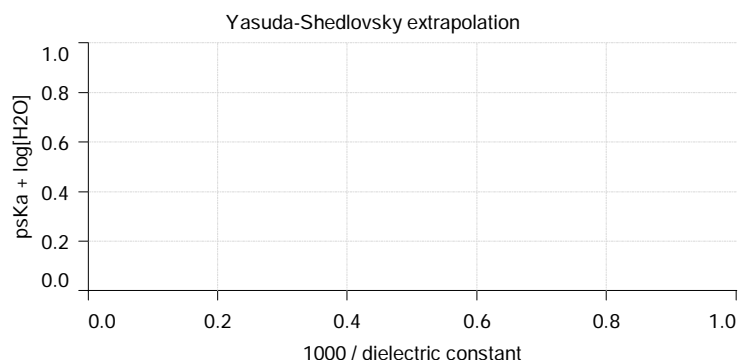
### Yasuda-Shedlovsky result

Extrapolation type pKa 0% SD Intercept Slope R<sup>2</sup> Ionic strength Temperature

### Component assay results

Titration	DMSO weight%	Direction	Result type	Dielectric constant	[H <sub>2</sub> O]	Ionic strength	Temperature
11I-15010 Points 106 to 158	19.82 %	Up	UV-metric pKa	76.9	45.2 M	0.206 M	26.9°C
11I-15010 Points 54 to 105	26.52 %	Up	UV-metric pKa	76.7	41.6 M	0.203 M	26.4°C
11I-15010 Points 3 to 53	35.67 %	Up	UV-metric pKa	75.9	36.8 M	0.194 M	26.9°C

### Graphs

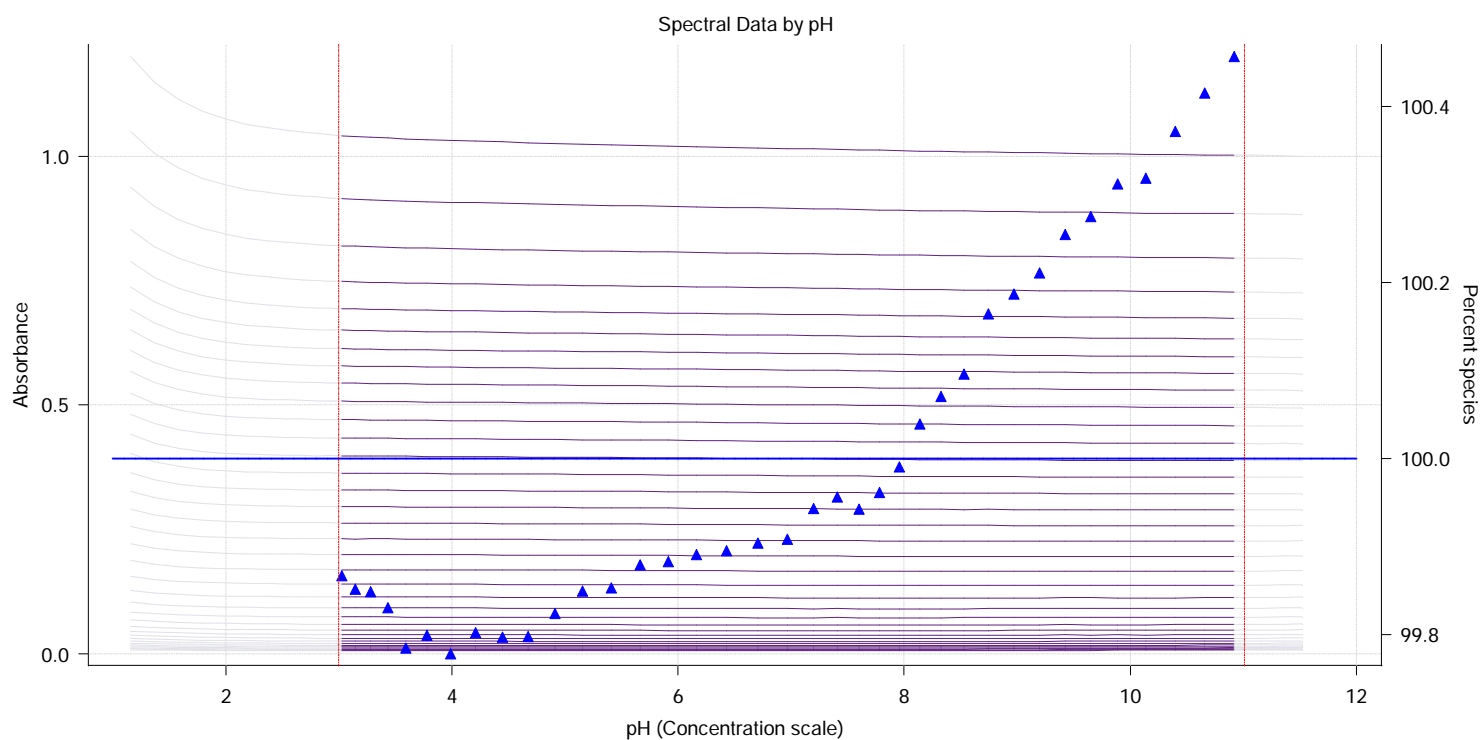
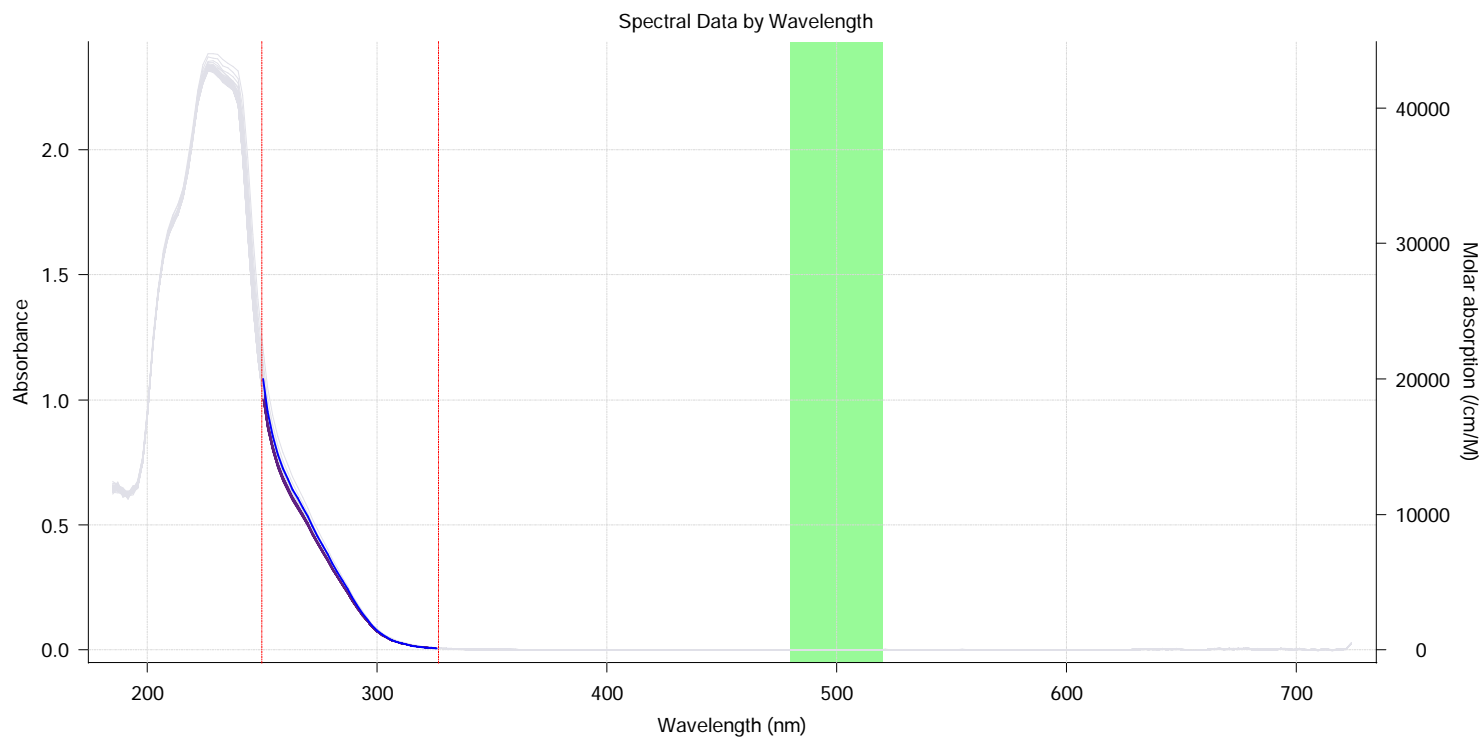


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## Fast UV psKa Titration 1 of 3 11I-15010 Points 3 to 53

### Graphs

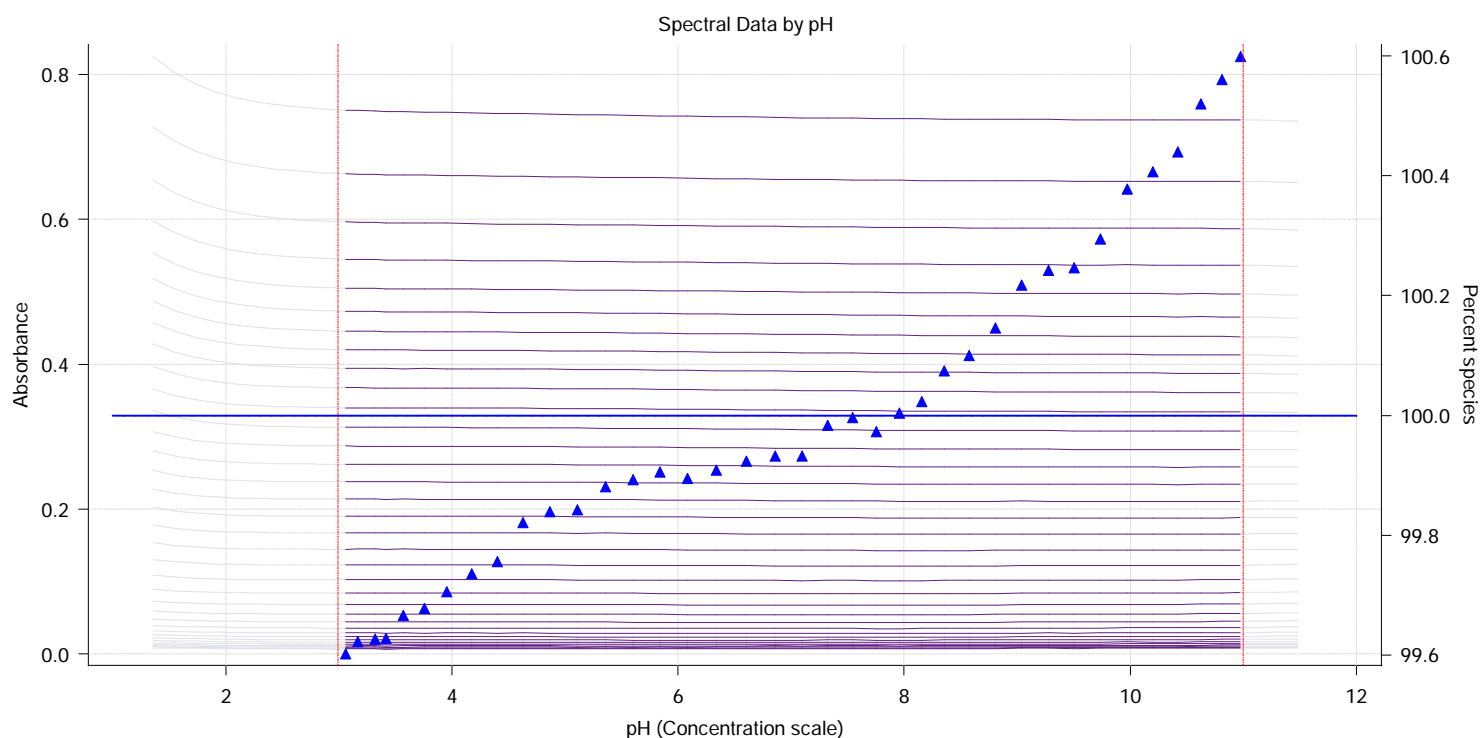
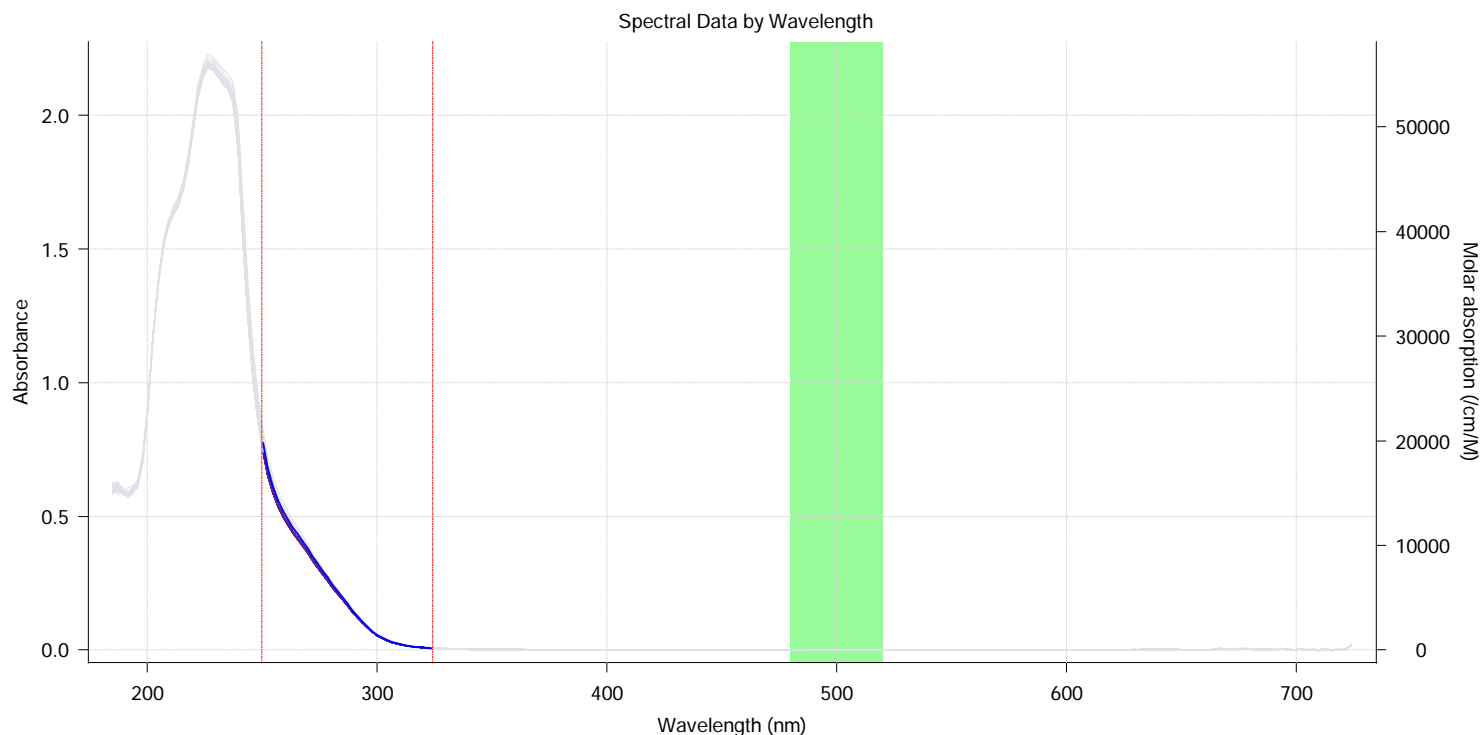


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## Fast UV psKa Titration 2 of 3 11I-15010 Points 54 to 105

### Graphs

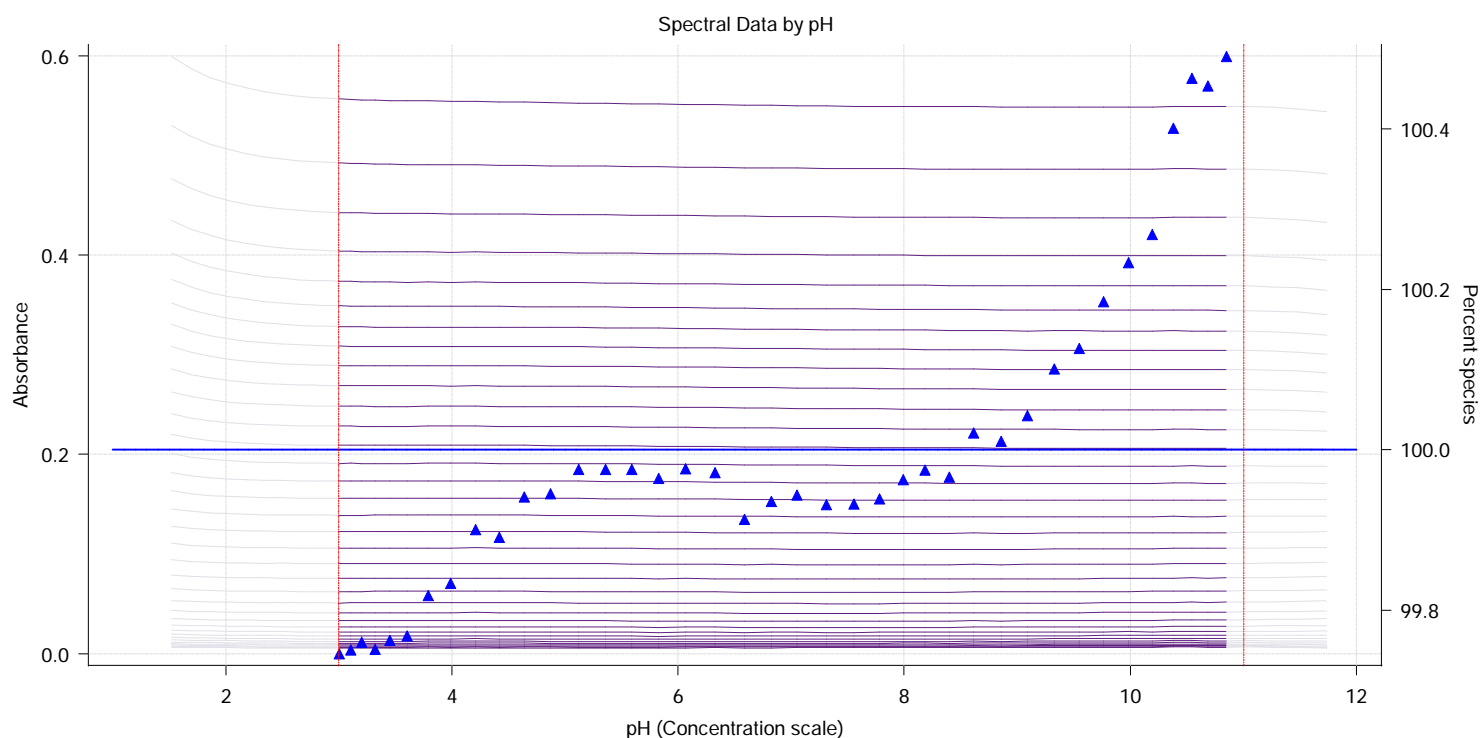
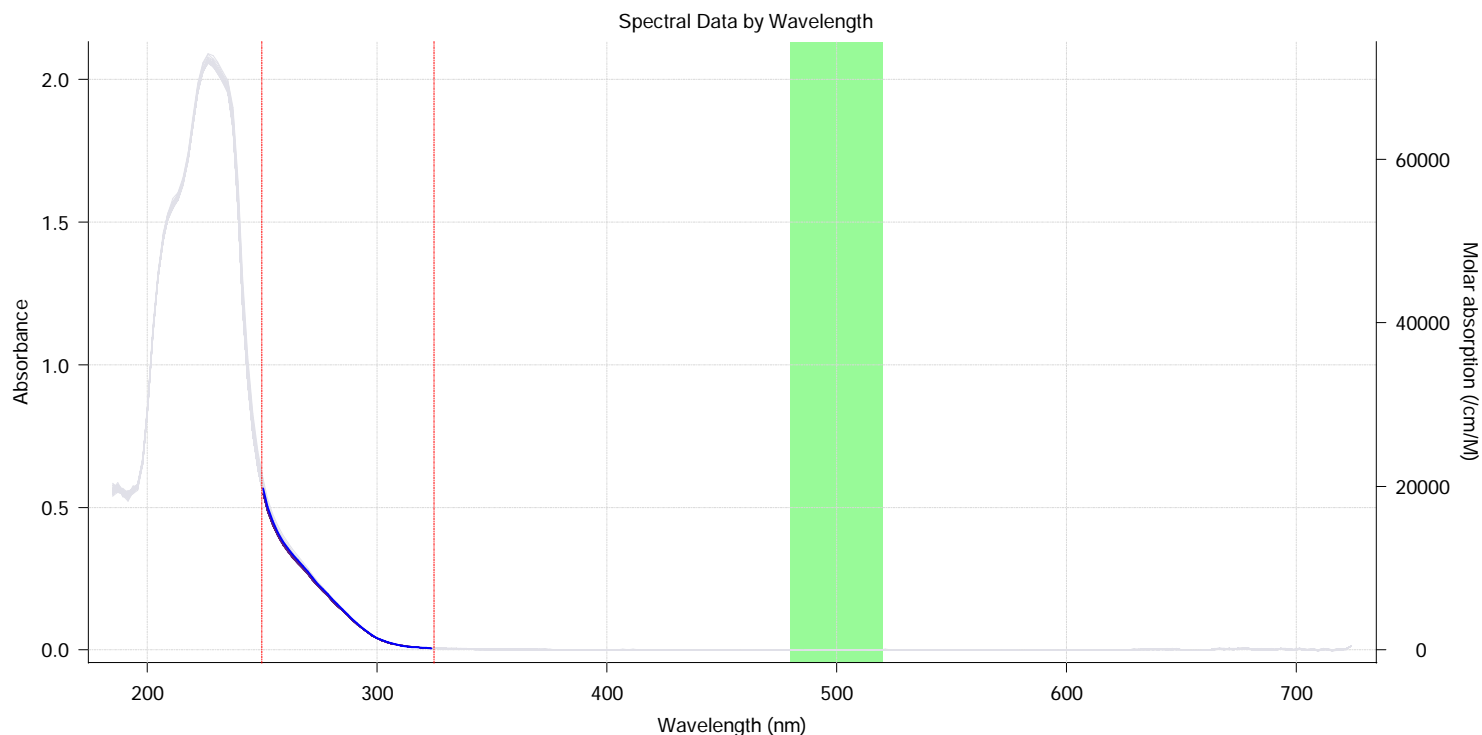


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 Analyst:  
 Instrument ID: **T311042**

## Fast UV psKa Titration 3 of 3 11I-15010 Points 106 to 158

### Graphs





## Assay model

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### Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000202		
Sample by	Volume	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r
Sample volume	0.0100 mL	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r
Molecular weight	338.38		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r

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